

#7 / Pre Amended
6/27/01 A
Dade

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Applicant: Richard Ian Laming et al.

Serial No: To be Assigned

Filing Date: Filed Herewith

Title: OPTICAL FIBRE LASER

PRELIMINARY AMENDMENT DELETING MULTIPLE DEPENDENCIES

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Preliminary to examination and calculation of the filing fee, please amend the above-identified application in the below indicated manner.

In the Claims:

1. A method of fabricating an optical [fibre] fiber laser, the method comprising the step of exposing an optical [fibre] fiber to a transverse writing light beam to form a grating structure in a section of the optical [fibre] fiber, the writing light beam being [polarised] polarized in a direction not parallel to the axis of the section of the optical [fibre] fiber so that the induced grating structure has a different grating strength for two orthogonal [polarisation] polarization modes of the optical [fibre] fiber, the grating structure comprising a discrete phase shift which is substantially identical for the two orthogonal [polarisation] polarization modes.